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# DERWENT PUBLICATIONS LTD.

**KNIU = ★ Q49 84-305544/49 ★ SU 1084-438-A**  
**Mining combine cutter - has ground breaker operating cylinder**  
**mounted on its rods perpendicular to boom**

**KNIUI COAL RES DES 31.01.83-SU-546802**  
**(07.04.84) E21 c-27/24**

**31.01.83 as 546802 (121MI)**

Combine cutter has ground breaker rotated by a cylinder mounted perpendicular to the boom and connected to it by both rods. A boom (3) carries a cutting disc (1) and a hydraulic soil breaker (2) reciprocated by a cylinder (5). The latter is mounted on the boom by inserting its both rods (4) in brackets (6).

The disc cuts a slab of soil parallel to the face. The breaker plate is moved automatically and breaks the slab away from the face. The slab is broken into radial segments which are thrown away by the breaker blades (8).

**ADVANTAGE - Automatically separates cut ground slab, breaks it down and throws segments out. Bul.13/7.4.84. (3pp Dwg. No.1/3)**

**N84-227736**

